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TISD-13-61
13 March 1961

MEMORANDUM FOR: Chairman, Technical Development Board
THROUGH: Secretary, Technical Development Board
SUBJECT: Disposition of the Electronic Rectifier

1. On about 15 April, subject to final inspection and acceptance, the first [] electronic rectifier will be ready for delivery. Unless we make arrangements to the contrary, this item will be delivered to CIA/PIC. Several items remain to be decided between now and the time the instrument leaves []

a. Do we want to continue planning to have the first item delivered to CIA? (There are four rectifiers being produced by [] one for CIA, one for Army and two for the Air Force. Scheduled delivery for the first unit is April 1961; second unit, June 1961; third unit, August 1961 and the fourth unit, October 1961.)

b. If we decide to accept the first unit at CIA/PIC, what would be the optimum location within PIC? In attempting to answer this question, we should consider the nature of the item. First, the complexity and time required to use this item precludes its operation as a piece of production equipment. Second, for each separate rectification performed, there is considerable photogrammetric analysis, computer operation and controlled tape preparation required. Third, the photographic aspects of the machine are limited to very little more than loading and unloading film cassettes. The design of the rectifier is such that it can be used under conditions of normal room lighting. Subsequent unloading and processing of exposed material will follow normal photographic laboratory darkroom procedures. Fourth, because of the nature of the products from the rectifier, with its inherent scan line pattern overlaying rectified ground imagery, it is believed that only a small percentage for the demand for such rectifications will come from PAD but rather that instrument's unique capability for producing orthographic geometry would provide a much more useful product to TISD/TIB to assist them in answering their mensuration problems.

*Urgency of
inspection*

Declass Review by NIMA/DOD

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2. It is suggested that these factors be considered and discussed at an early date so that we can advise the contractor about the delivery and have the decision made ourselves as to what we are going to do with the rectifier when it arrives.



25X1A

Chief, TISD

25X1A

25X1A

PIC/TISD



25X1A

Scan lines can be removed Through use of
edge device - To be in TISD (special
effects lab)

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